APPROVED O.G. FIG.

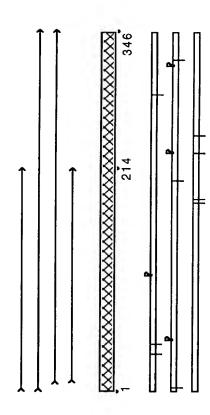
BY CLASS SUBCLASS

DRAFTSMAN

Figure 1

>824664TH CTAAGGCGTG CAAACAGAGC GCCATGGGA GCCTGAAACC TTTAGGCCGA >1792994 GCAACAGAGC GCCACTGGGA GCTGAAACC TTTAGGCCGA Consensus CTAAGGCGTG CAAACAGAGC GCCACTGGA GCTGAAACC TTTAGGCCGA >824664 TGCCTGCTTG CAAGGTCAGG CAAGCTGGAT TCTGGTCCC ACCTTTGCAG >824664 H TGCCTGCTTG CAAGGTCAGG CAAGCTGGAT TCTGGTCCC ACCTTTGCAG >1792994 TGCTTGCTTG CAAGGTCAGG CAAGCTGGAT TCTGGTCCC ACCTTTGCAG Consensus TGCTTGCTTG CAAGGTCAGG CAAGCTGGAT TCTGGTCCC ACCTTTGCAG >824664 AGAGAACAGC GATGTTGTC CAAGCTGGAT TCTGGTCCC ACCTTTGCAG >824664 A AGAGAACAGC GATGTTGTC GCCCATTTCT CAGATCAAGG ACCGGCCCAT >92356393 AGAGAACAGC GATGTTGTC GCCCATTTCT CAGATCAAGG ACCGGCCCAT >824664 A CTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTT >824664 B <t< th=""><th>>824664</th><th>CTAAGGCGTG</th><th>CAAACAGAGC</th><th>GCCACTGGGA</th><th>GGCTGAAACC</th><th>TTTAGGCCGA</th></t<>	>824664	CTAAGGCGTG	CAAACAGAGC	GCCACTGGGA	GGCTGAAACC	TTTAGGCCGA
>1792994 Consensus CTAAGGCGTG CAAACAGAGC GCCACTGGGA GGCTGAAACC TTTAGGCCGA CONSENSUS CTAAGGCGTG CAAACAGAGC GCCACTGGGA GGCTGAAACC TTTAGGCCGA >824664 TGCCTGCTTG CAAGGTCAGG CAAGCTGGAT TCTGGTCCCC ACCTTTGCAG >8246641H TGCCTGCTTG CAAGGTCAGG CAAGCTGGAT TCTGGTCCCC ACCTTTGCAG >92356393 TGCTTGCTTG CAAGGTCAGG CAAGCTGGAT TCTGGTCCCC ACCTTTGCAG CONSENSUS TGCYTGCTTG CAAGGTCAGG CAAGCTGGAT TCTGGTCCCC ACCTTTGCAG CONSENSUS TGCYTGCTTG CAAGGTCAGG CAAGCTGGAT TCTGGTCCCC ACCTTTGCAG CONSENSUS TGCYTGCTTG CAAGGTCAGG CAAGCTGGAT TCTGGTCCCC ACCTTTGCAG >824664 AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT >8246641H AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT >92356393 AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT >92356393 AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT CONSENSUS AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT >824664 CCTTACTACCT CAAGAGTGC TTTTCTCTCT CAGATCAAGG ACCGGCCCAT >824664 CCTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >92356393 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >1792994 CCTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >1792994 CCTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >824664 S246641H GAAACATCTA CTGG CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >824664 GAAACATCTA CTGG CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >824664 GAAACATCTA CTGG CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >824664 GAAACATCTA CTGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >824664 GAAACATCTA CTGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >8246641H GAAACATCTA CTGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >8246641H GAACATCTA CTGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >8246641H ACCAGCCTGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG CONSENSUS GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG CONSENSUS GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG C	>824664IH	CTAAGGCGTG	CAAACAGAGC	GCCACTGGGA	GGCTGAAACC	TTTAGGCCGA
CONSENSUS CTAAGGCGTG CAAACAGAGC GCCACTGGGA GGCTGAAACC TTTAGGCCGA >824664 **REAGGAGA TGCCTGCTTG CAAGGTCAGG CAAGCTGGAT TCTGGTCCCC ACCTTTGCAG **REAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGA	>g2356393	GAC	CAAACAGAGC	GCCACTGGGA	GGCTGAAACC	TTTAGGCCGA
>824664 TGCCTGCTTG CAAGGTCAGG CAAGCTGGAT TCTGGTCCCC ACCTTTGCAG >8246641H TGCCTGCTTG CAAGGTCAGG CAAGCTGGAT TCTGGTCCCC ACCTTTGCAG >g2356393 TGCTTGCTTG CAAGGTCAGG CAAGCTGGAT TCTGGTCCCC ACCTTTGCAG >1792994 TGCTTGCTTG CAAGGTCAGG CAAGCTGGAT TCTGGTCCCC ACCTTTGCAG CONSENSUS TGCYTGCTTG CAAGGTCAGG CAAGCTGGAT TCTGGTCCCC ACCTTTGCAG >824664 AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT >8246641H AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT >92356393 AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT 2000 CONSENSUS AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT CONSENSUS AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT >824664 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT 2000 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT 2010 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT 2010 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >824664 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >824664 GAAACATCTA CTGG COAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >824664 GAAACATCTA CTGG CAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >824664 GAAACATCTA CTGG CAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT CTGGCGGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >92356393 GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >92356393 GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >8246641H GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >8246641H GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >8246641H GAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >8246641H GAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >8246641H GAACATCTA CTGGGCGAGA CCAGGAGTTC CTTGAGCACA GGAGTTCCAG CONSENSUS GAACATCTA CTGGGCGAGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG CONSENSUS GAACATCTA CTGGGCGAGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG AGGATTCCAG AGGCCGAGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG CONSENSUS GAACATCTA CTGGGCGAGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG CONSENSUS GAACATCTA CTGGGCGAGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG CONSENSUS GAACATCTA CTGGGCGAGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG	>1792994	G	CAAACAGAGC	GCCACTGGGA	GGCTGAAACC	TTTAGGCCGA
>8246641H TGCCTGCTTG CAAGGTCAGG CAAGCTGGAT TCTGGTCCCC ACCTTTGCAG >g2356393 TGCTTGCTTG CAAGGTCAGG CAAGCTGGAT TCTGGTCCCC ACCTTTGCAG >g2356393 TGCTTGCTTG CAAGGTCAGG CAAGCTGGAT TCTGGTCCCC ACCTTTGCAG CAAGGTCAGG CAAGCTGGAT TCTGGTCCCC ACCTTTGCAG CAAGGTCAGG CAAGCTGGAT TCTGGTCCCC ACCTTTGCAG CAAGGTCAGG CAAGCTGGAT TCTGGTCCCC ACCTTTGCAG >824664 AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT >g2356393 AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT >ryp2994 AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT CONSENSUS AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT >824664 CTTACTACCT CCAAGAGTGC TTTTCTCTCT CAGATCAAGG ACCGGCCCAT >g2356393 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >g2356393 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >ryp2994 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT CONSENSUS CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >824664 GAAACATCTA CTGG COCAAGGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >824664 GAAACATCTA CTGG >g2356393 GAAACATCTA CTGG COCAGGGGGAA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >g2356393 GAAACATCTA CTGG CONSENSUS GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >8246641H GAAACATCTA CTGG CONSENSUS GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >8246641H GAAACATCTA CTGG CONSENSUS GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >8246641H GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >8246641H ACCAGCCTGG GCAATGTAGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >8246641H ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA >g2356393 ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA >g2356393 ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA >8246641H ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA	Consensus	CTAAGGCGTG	CAAACAGAGC	GCCACTGGGA	GGCTGAAACC	TTTAGGCCGA
>8246641H TGCCTGCTTG CAAGGTCAGG CAAGCTGGAT TCTGGTCCCC ACCTTTGCAG >g2356393 TGCTTGCTTG CAAGGTCAGG CAAGCTGGAT TCTGGTCCCC ACCTTTGCAG >g2356393 TGCTTGCTTG CAAGGTCAGG CAAGCTGGAT TCTGGTCCCC ACCTTTGCAG CAAGGTCAGG CAAGCTGGAT TCTGGTCCCC ACCTTTGCAG CAAGGTCAGG CAAGCTGGAT TCTGGTCCCC ACCTTTGCAG CAAGGTCAGG CAAGCTGGAT TCTGGTCCCC ACCTTTGCAG >824664 AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT >g2356393 AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT >ryp2994 AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT COnsensus AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT >824664 CTTACTACCT CCAAGAGTGC TTTTCTCTCT CAGATCAAGG ACCGGCCCAT >g2356393 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >g2356393 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >ryp2994 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT CAGATCAAGT CATCTACTTT >824664 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >g2356393 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >824664 GAAACATCTA CTGG >g2356393 GAAACATCTA CTGG CONSENSUS CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >824664 GAAACATCTA CTGG CONSENSUS GAAACATCTA CTGG CAAGGTGC TTTTCTCTCT TATAAGAAAA CATCTACTTT >824664 GAAACATCTA CTGG CONSENSUS GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >824664IH GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >824664IH GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >824664IH GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >824664IH ACCAGCCTGG GAGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >824664IH ACCAGCCTGG GCAATGTAGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >824664IH ACCAGCCTGG GCAATGTAGC AGGACGCTGT CTCTATTTAT ACAATA >92356393 ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA >92356393 ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA						
>g2356393 TGCTTGCTTG CAAGGTCAGG CAAGCTGGAT TCTGGTCCCC ACCTTTGCAG >1792994 TGCTTGCTTG CAAGGTCAGG CAAGCTGGAT TCTGGTCCCC ACCTTTGCAG Consensus TGCYTGCTTG CAAGGTCAGG CAAGCTGGAT TCTGGTCCCC ACCTTTGCAG >824664 AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT >8246641H AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT >g2356393 AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT Consensus AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT Consensus AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT CONSENSUS CTTACTACCT CCAAGAGTGC TTTTCTCTCT CAGATCAAGG ACCGGCCCAT >8246641H CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >g2356393 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT CONSENSUS CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >824664 S246641H GAAACATCTA CTGG >g2356393 GAAACATCTA CTGG CONSENSUS CTTACTACCT CCAGGGGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >g2356393 GAAACATCTA CTGG CONSENSUS GAAACATCTA CTGG CONSENSUS GAAACATCTA CTGG CONSENSUS GAAACATCTA CTGG CONSENSUS GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >8246641H GAAACATCTA CTGG CONSENSUS GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >8246641H GAAACATCTA CTGG CONSENSUS GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >8246641H GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >8246641H ACCAGCCTGG GAGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >8246641H ACCAGCCTGG GCAATGTAGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >8246641H ACCAGCCTGG GCAATGTAGC AGGACGCTGT CTCTATTTAT ACAATA >92356393 ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA >92356393 ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA		TGCCTGCTTG	CAAGGTCAGG	CAAGCTGGAT	TCTGGTCCCC	ACCTTTGCAG
TGCTTGCTTG CAAGGTCAGG CAAGCTGGAT TCTGGTCCC ACCTTTGCAG Consensus TGCYTGCTTG CAAGGTCAGG CAAGCTGGAT TCTGGTCCCC ACCTTTGCAG >824664 AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT >824664IH AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT >92356393 AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT >1792994 AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT Consensus AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT Consensus AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT >824664 CTTACTACCT CCAAGAGTGC TTTTCTCTCT CAGATCAAGG ACCGGCCCAT >824664IH CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >92356393 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >1792994 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >824664 SAAACATCTA CTGG >824664IH GAAACATCTA CTGG CONSENSUS CAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >92356393 GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >92356393 GAAACATCTA CTGG CONSENSUS GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >824664IH GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >824664IH GAATTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG CONSENSUS GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >824664IH ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA >92356393 ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA >92356393 ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA		TGCCTGCTTG			TCTGGTCCCC	ACCTTTGCAG
Consensus TGCYTGCTTG CAAGGTCAGG CAAGCTGGAT TCTGGTCCCC ACCTTTGCAG >824664 AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT Consensus AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT CONSENSUS AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT >824664 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT yg2356393 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT 27192994 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT CONSENSUS CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT X824664 GAAACATCTA CTGG S8246641H GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG yg2356393 GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG CONSENSUS GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG CONSENSUS GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG S8246641H GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG S8246641H GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG S8246641H GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG CONSENSUS GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG CONSENSUS GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG S8246641H ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA >g2356393 ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA >g2356393 ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA	-					
>824664 AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT 8246641H AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT 2G2356393 AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT 2792994 AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT 2792994 AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT 2792994 AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT 2824664 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT 279294 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT 2792994 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT 2792994 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT 2792994 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT 2824664 GAAACATCTA CTGG TTTTCTCTCT AATAAGAAAA CATCTACTTT 2824664 GAAACATCTA CTGG CAGAGTGA TGGCTCAGCC TGTAATTCTG 2792994 GAAACATCTA CTGG CAGGAGTGA TGGCTCAGCC TGTAATTCTG 2792994 GAAACATCTA CTGG CAGAGTGA TGGCTCAGCC TGTAATTCTG 2792994 GAAACATCTA CTGG CAGGAGTGA TGGCTCAGCC TGTAATTCTG 2792994 GAAACATCTA CTGGCCAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG 2792994 GAAACATCTA CTGGCAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG 2792994 GAAACATCTA CTGGCCAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG 2792994 GAAACATCTA CTGGCCAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG 2792994 GAAACATCTA CTGGCCAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG 2792994 GAAACATCTA CTGGCCAGAG CCAGGAGTGA TGGCTCAGCC TGTAATTCTG 2792994 GAAACATCTA CTGGCCAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG 2792356393 GAATTCCGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG 2792356393 ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA 2792356393 ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA 2792356393 ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA 2792356393 ACCAGCCTGG G					TCTGGTCCCC	ACCTTTGCAG
>824664TH AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT >g2356393 AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT >1792994 AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT Consensus AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT >824664 CTTACTACCT CCAAGAGTGC TTTTCTCTCT CAGATCAAGG ACCGGCCCAT >824664 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >8246641H CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >g2356393 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >1792994 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT Consensus CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >824664 GAAACATCTA CTGG >8246641H GAAACATCTA CTGG >g2356393 GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >g2356393 GAAACATCTA CTGG Consensus GAAACATCTA CTGG Consensus GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >8246641H GAAACATCTA CTGG Consensus GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >8246641H GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >g2356393 GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG Consensus GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >8246641H ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA >g2356393 ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA	Consensus	TGCYTGCTTG	CAAGGTCAGG	CAAGCTGGAT	TCTGGTCCCC	ACCTTTGCAG
>824664TH AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT >g2356393 AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT >1792994 AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT Consensus AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT >824664 CTTACTACCT CCAAGAGTGC TTTTCTCTCT CAGATCAAGG ACCGGCCCAT >824664 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >8246641H CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >g2356393 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >1792994 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT Consensus CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >824664 GAAACATCTA CTGG >8246641H GAAACATCTA CTGG >g2356393 GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >g2356393 GAAACATCTA CTGG Consensus GAAACATCTA CTGG Consensus GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >8246641H GAAACATCTA CTGG Consensus GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >8246641H GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >g2356393 GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG Consensus GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >8246641H ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA >g2356393 ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA						
>g2356393 AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT >1792994 AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT CONSENSUS AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT CONSENSUS AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT CAGATCAAGG ACCGGCCCAT CAGATCAAGG ACCGGCCCAT CAGATCAAGG ACCGGCCCAT CAGATCAAGG ACCGGCCCAT CAGATCAAGG ACCGGCCCAT CAGATCAAGA CATCTACTTT CAGATCAAGA CATCTACTTT CAGATCAAGAAAA CATCTACTTT CAAGAGAAGA CATCTACTTT CAAGAGAAAA CATCTACTTT CAAGAGAAAA CATCTACTTT CAAGAGAGAAA CATCTACTTT CAAGAGAAAA CATCTACTTT CAAGAGAAAA CATCTACTTT CAAGAGAGAAA CATCTACTTT CAAGAGAAAA CATCTACTTT CAAGAGAAGATC CAAGAGAAGATC CAAGAGAAGATC CAAGAAGATCC TAGAATATCTG CAAGAACATCTA CTGGGCGAAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG CAAGAACATCTA CTGGGCGAAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG CAAGAACATCTA CTGGGCGAAGAACATCC CTTGAGCACA GGAGTTCCAG CAAGAAGATTC CTTGAGCACA GGAGTTCCAG CAAGAAGATC CTTGAGCACA GGAGTTCCAG CAAGAAGATC CTTGAGCACA GAG						
>1792994 AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT Consensus AGAGAACAGC GATGTTGTGC GCCCATTTCT CAGATCAAGG ACCGGCCCAT >824664 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >824664IH CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >92356393 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >1792994 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT Consensus CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >824664 GAAACATCTA CTGG >824664IH GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >92356393 GAAACATCTA CTGG Consensus GAAACATCTA CTGG Consensus GAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >824664IH GAAACATCTA CTGG Consensus GAACATCTA CTGGCGAGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >824664IH GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG Consensus GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG Consensus GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >824664IH ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA >92356393 ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA >824664IH ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA >92356393 ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA						
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>824664 CTTACTACCT CCAAGAGTGC TTTTCTCTT AATAAGAAAA CATCTACTTT >8246641H CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >g2356393 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >1792994 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT Consensus CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >824664 GAAACATCTA CTGG >8246641H GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >g2356393 GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >1792994 GAAACATCTA CTGG Consensus GAAACATCTA CTGG Consensus GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >8246641H GAAACATCTA CTGG >8246641H GAATTCGGG AGGCCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >8246641H GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >g2356393 GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >g2356393 GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >8246641H ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA >g2356393 ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA						
>824664IH CTTACTACCT CCAAGAGTGC TTTTCTCTT AATAAGAAAA CATCTACTTT >g2356393 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >1792994 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT Consensus CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >824664 GAAACATCTA CTGG >824664IH GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >g2356393 GAAACATCTA CTGG Consensus GAAACATCTA CTGG Consensus GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >824664IH GAAACATCTA CTGG Consensus GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >824664IH GAATTTCGGG AGGCCGAGGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >824664IH GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >g2356393 GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG Consensus GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >824664IH ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA >g2356393 ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA	Consensus	AGAGAACAGC	GATGTTGTGC	GCCCATTTCT	CAGATCAAGG	ACCGGCCCAT
>824664IH CTTACTACCT CCAAGAGTGC TTTTCTCTT AATAAGAAAA CATCTACTTT >g2356393 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >1792994 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT Consensus CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >824664 GAAACATCTA CTGG >824664IH GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >g2356393 GAAACATCTA CTGG Consensus GAAACATCTA CTGG Consensus GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >824664IH GAAACATCTA CTGG Consensus GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >824664IH GAATTTCGGG AGGCCGAGGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >824664IH GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >g2356393 GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG Consensus GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >824664IH ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA >g2356393 ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA						
>g2356393 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >1792994 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT Consensus CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >824664 GAAACATCTA CTGG >8246641H GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >g2356393 GAAACATCTA CTGG Consensus GAAACATCTA CTGG Consensus GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >8246641H GAATCTA CTGG Consensus GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >8246641H GAATTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >g2356393 GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG Consensus GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >8246641H ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA >g2356393 ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA						
>1792994 CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT Consensus CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >824664 GAAACATCTA CTGG >8246641H GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >92356393 GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >1792994 GAAACATCTA CTGG Consensus GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >8246641H GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >92356393 GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG Consensus GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >8246641H ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA >92356393 ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA						
Consensus CTTACTACCT CCAAGAGTGC TTTTCTCTCT AATAAGAAAA CATCTACTTT >824664	_					
>824664 GAAACATCTA CTGG >824664IH GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >g2356393 GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >1792994 GAAACATCTA CTGG Consensus GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >824664IH GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >g2356393 GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG Consensus GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >824664IH ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA >g2356393 ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA						
>824664IH GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >g2356393 GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >1792994 GAAACATCTA CTGG Consensus GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >824664IH GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >g2356393 GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG Consensus GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >824664IH ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA >g2356393 ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA	Consensus	CTTACTACCT	CCAAGAGTGC	TTTTCTCTCT	AATAAGAAAA	CATCTACTTT
>824664IH GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >g2356393 GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >1792994 GAAACATCTA CTGG Consensus GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >824664IH GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >g2356393 GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG Consensus GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >824664IH ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA >g2356393 ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA	004664	G111G1 FGF				
>g2356393 GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >1792994 GAAACATCTA CTGG Consensus GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >8246641H GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >g2356393 GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG Consensus GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >8246641H ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA >g2356393 ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA						
>1792994 GAAACATCTA CTGG Consensus GAAACATCTA CTGG >824664IH GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >g2356393 GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG Consensus GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >824664IH ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA >g2356393 ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA						
Consensus GAAACATCTA CTGGGCGAGA CCAGGAGTGA TGGCTCAGCC TGTAATTCTG >8246641H GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >g2356393 GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG Consensus GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >8246641H ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA >g2356393 ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA	~			CCAGGAGTGA	TGGCTCAGCC	TGTAATTCTG
>824664IH GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >g2356393 GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG Consensus GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >824664IH ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA >g2356393 ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA				CON CON COOK	maaamaa aaa	
>g2356393 GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG Consensus GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >824664IH ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA >g2356393 ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA	Consensus	GAAACATCTA	CTGGGCGAGA	CCAGGAGTGA	TGGCTCAGCC	TGTAATTCTG
>g2356393 GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG Consensus GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >824664IH ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA >g2356393 ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA	>824664TH	GAATTTCGGG	AGGCCGAGGC	ል ርርል ልርልጥጥር	CTTCACCACA	CCACTTCCAC
Consensus GAATTTCGGG AGGCCGAGGC AGGAAGATTC CTTGAGCACA GGAGTTCCAG >824664IH ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA >g2356393 ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA						
>824664IH ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA >g2356393 ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA	-					
>g2356393 ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA					0110110011011	CONDITIONS
>g2356393 ACCAGCCTGG GCAATGTAGC AAGACGCTGT CTCTATTTAT ACAATA	>824664IH	ACCAGCCTGG	GCAATGTAGC	AAGACGCTGT	CTCTATTTAT	АСААТА
-	>g2356393					
	-					ACAATA

Figure 2



824664 8246641H g2356393 1792994

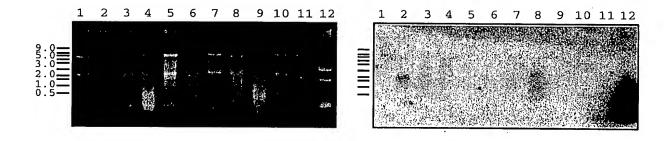
DOOSSY: DHEBOS

APPROVED O.G. FIG.

BY CLASS SUBCLASS

DRAFTSMAN

Figure 3



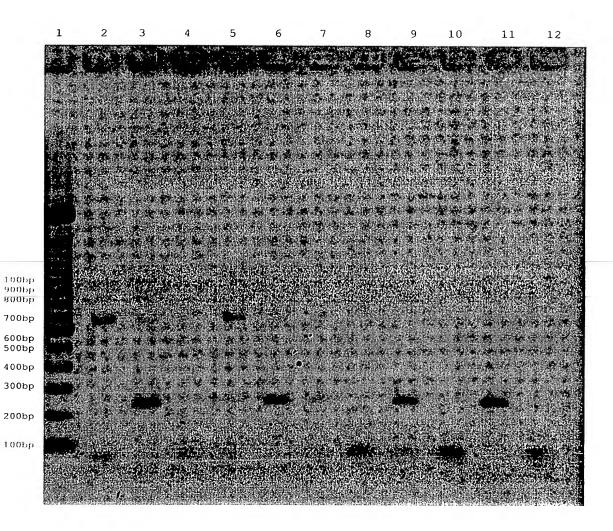
Lane	Tissue	Lane	Tissue
1	Bladder	7	Ovary
2	Breast	8	Prostate
3	Colon	9	Spleen
4	Kidney	10	Testis
5	Liver	11	Uterus
6	Lung	12	PS128 RNA

APPROVED O.G. FIG.

BY CLASS SUBCLASS

DRAPT®MAN

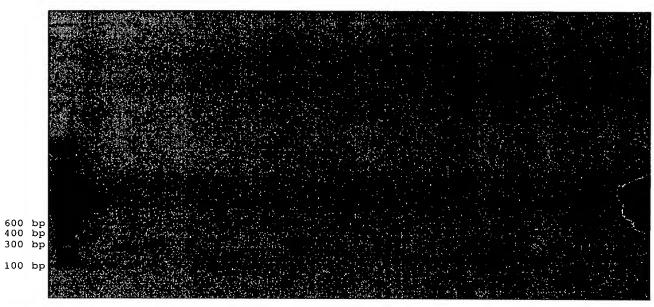
Figure 4A



Lane	Tissue	Lane	Tissue
1	100bp DNA Marker	7	Prostate Normal
2	Placental DNA	8	Prostate Normal
3	LNCap RNA	9	Prostate Cancer
4	Prostate Normal	10	Prostate Normal
5	Prostate Normal	11	Prostate Cancer
6	Prostate Cancer	12	Prostate Normal

Figure 4B

 $1 \quad 2 \quad 3 \quad 4 \quad 5 \quad 6 \quad 7 \quad 8 \quad 9 \quad 10 \quad 11 \quad 12 \quad 13 \quad 14 \quad 15 \quad 16 \quad 17 \quad 18 \quad 19$



Lane:	Tissue	Lane:	Tissue
1	100bp DNA Marker	11	Lung Normal
2	Placental DNA	12	Lung Cancer
3	Prostate BPH	13	Lung Normal
4	Prostate cancer	14	Lung Cancer
5	Colon normal	15	Breast Normal
6	Colon Cancer	16	Breast Normal
7	Colon Cancer	17	Breast Cancer
8	Colon Normal	18	Breast Cancer
9	Colon Cancer	19	Breast Cancer
10	Lung Normal		

OGOSSTE OLESS